

Kharlamenko, V. I. and Yablonskii, V. S.
DISPLACEMENT OF CRUDE OILS AND OIL PROD-
UCTS IN PIPELINES WITH LAMINAR FLOW CON-
DITIONS. [1963] 9p.
Order from ATS \$9.75 ATS-93Q67R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh]
Zavedeni. Neft' i Gaz (USSR) 1962, v. 5, no. 6,
p. 77-84.

DESCRIPTORS: *Oils, Petroleum, *Pipelines, Fluid
dynamic properties, *Fluid flow.

(Machinery--Transport, TT, v. 10, no. 1)

63-17157

I. Kharlamenko, V. I.
II. Yablonskii, V. S.
III. ATS-93Q67R
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Shishkin, O. P. and Grachev, B. A.
THEORY OF AN ALTERNATING CURRENT DATA
LINK WITH THE BOTTOM OF THE HOLE. [1963] 5p
Order from ATS \$6.00 ATS-16Q72R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh]
Zavedenii. Neft' i Gaz (USSR) 1962, v. 5, no. 6,
p. 93-96.

DESCRIPTORS: *Well drilling, Boreholes, Data,
Transmission, Alternating current, Theory.

(Earth Sciences--Geology, TT, v. 11, no. 5)

TT-63-22932

I. Shishkin, O. P.
II. Grachev, B. A.
III. ATS-16Q72R
IV. Associated Technical
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Office of Technical Services

Rostomyan, P. M.
DETERMINING THE ABSOLUTE TIME OF ORIGIN
OF A GAS DEPOSIT. [1963] 6p.
Order from ATS \$7.50 ATS-05Q67R

Trans. of [izvestiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft'i Gaz (USSR) 1962, v. 5, no. 7, p. 9-13.

DESCRIPTORS: *Natural gas, Deposits, *Geological
time.

(Earth Sciences--Geology, TT, v. 9, no. 8)

63-12821

I. Rostomyan, P. M.
II. ATS-05Q67R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

ML/RT-3783

Office of Technical Services

Ibragimov, K. Sh.
THE MAXIMUM OIL PRODUCTION UNDER INJECTION
FROM TWO SIDES. [1963] 5p.
Order from ATS \$8.00 ATS-59P66R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft' i Gaz (USSR) 1962, v. 5, no. 7, p. 37-41.

DESCRIPTORS: *Petroleum, *Oils, Production,
Injection.

(Engineering--Chemical, TI, v. 9, no. 10)

63-12842

I. Ibragimov, K. Sh.
II. ATS-59P66R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/AT-5762

Office of Technical Services

Shishkin, O. P. and Grachev, B. A.
THE CAPABILITIES OF A DATA LINK USING THE
PIPES IN THE WELL. [1963] 5p
Order from OTS \$6.50 ATS-17Q72R

Trans. of [Izvestiya] Vysshikh Uchebn[ykh]
Zavedenii. Neft' i Gaz (USSR) 1962, v. 5,
no. 7, p. 95-99.

DESCRIPTORS: *Well drilling, Pipes, Data,
Transmission.

(Earth Sciences--Geology, TT, v. 11, no. 5)

TT-63-22929

- I. Shishkin, O. P.
- II. Grachev, B. A.
- III. ATS-17Q72R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Sultanov, M. Yu. and Belen'kil, M. S.
EFFECT OF COMPOSITION ON THE PROPERTIES OF
COPPER-CHROMIUM OXIDE CATALYSTS IN THE
OXIDATION OF CARBON MONOXIDE. [1963] 8p.
Order from ATS \$9.85 ATS-96Q66R

Trans. of [izvestiya Vysshikh Uchebnykh] Zavedenii.
~~Neft' i Gaz~~ (USSR) 1962, v. 5, no. 9, p. 63-69.

DESCRIPTORS: *Carbon compounds, *Monoxides,
*Oxidation, Copper catalysts, *Catalysts, Chromium
compounds, Oxides, Gases.

(Chemistry--Physical, TT, v. 9, no. 10)

63-12845

- I. Sultanov, M. Yu.
- II. Belen'kil, M. S.
- III. ATS-96Q66R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Uzumov, I. G.
DETERMINATION OF THE LOAD ON SURFACE
EQUIPMENT DURING THE WORKING CYCLE OF A
DOWNHOLE PUMP. [1963] 7p.
Order from ATS \$10.25

ATS-95Q67R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft' i Gaz (USSR) 1962, v. 5, no. 10, p. 35-40.

DESCRIPTORS: *Pumps, Operation, Petroleum,
Machines, Load distribution.

(Engineering, TT, v. 10, no. 6)

63-17460

I. Uzumov, I. G.
II. ATS-95Q67R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Bogachev, B. A.

DETERMINATION OF THE PHYSICAL PARAMETERS
OF A GAS-BEARING RESERVOIR. [1963] 5p.
Order from ATS \$6.50

ATS-01Q68R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedeni.
Nef' i Gaz (USSR)-1962, v. 6, no. 10, p. 47-51.

DESCRIPTORS: *Natural gas, Hydraulic accumulators,
Pneumatic devices, Determination.

(Earth Sciences--Geology, TT, v. 10, no. 5)

63-17459

I. Bogachev, B. A.

II. ATS-01Q68R

III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Dzhafarov, Kh. D. and Bairamova, R. A.
DRAWING OF STRUCTURAL MAPS FROM DATA OF
GEOPHYSICAL STUDIES. [1963] 5p
Order from ATS \$6.00

ATS-63Q72R

Trans. of Izvestiya Vysshikh Uchebn[ykh] Zavedenii,
Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 13-16.

DESCRIPTORS: *Maps, *Terrain, Mapping, Surveying,
Geophysics.

(Earth Sciences--Geodesy, TT, v. 11, no. 3)

TT-63-22954

I. Dzhafarov, Kh. D.
II. Bairamova, R. A.
III. ATS-63Q72R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Pudovkin, M. A.
SOLUTION OF A PROBLEM IN SUBSURFACE
HYDROMECHANICS UNDER ELASTIC CONDITIONS.
[1963] 9p.

Order from ATS \$11.00

ATS-11Q69R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 39-45.

DESCRIPTORS: *Fluid flow, Liquids, Motion,
*Hydrodynamics, *Elasticity.

(Mechanics--Hydrodynamics, TT, v. 10, no. 5)

63-17483

- I. Title: Hydromechanics
- I. Pudovkin, M. A.
- II. ATS-11Q69R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Chernozhukov, N. L., Valnshtok, V. V., and
Kartinin, B. N.
ON THE CRYSTALLINE SUBMICROSTRUCTURE OF
MIXTURES OF HARD HYDROCARBONS IN THE
HYDROCARBON MEDIUM (O Submikrostrukture
Kristallov Smesei Tverdykh Uglevodorodov v Uglevo-
dородnoi Srede). [1964] [10p] (foreign text included)
Arefa

Order from OTS, SLA, or ETC \$1.10 TT-64-10982

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Nefr' i Gaz (USSR) 1962, v. 5, no. 11, p. 53-57.

(Chemistry--Organic, TT, v. 12, no. 2)

TT-64-10982

I. Chernozhukov, N. L.
II. Valnshtok, V. V.
III. Kartinin, B. N.

Office of Technical Services

TT-64-10998

Gobzhila, A. G. and Popesku, F. S.
ON THE PROBLEM OF PREPARATION OF PETRO-
LEUM FOR REPROCESSING (K Voprosu Podgotovki
Nefti k Pererabotke). [1963] [10p] (foreign text
included) 11 refs
Order from OTS, SLA, or ETC \$1.10 TT-64-10998

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.....
Neft' i Gaz (USSR) 1962, v. 5, no. 11, p. 71-74.

DESCRIPTORS: *Petroleum, *Colloids, *Surface active
substances, *Chemical engineering.

(Engineering--Chemical, TT, v. 11, no. 7)

I. Gobzhila, A. G.
II. Popesku, F. S.

Office of Technical Services

Sultanov, M. Yu. and Belen'kil, M. S.
INFLUENCE OF THE COMPOSITION ON THE PROPERTIES OF COPPER OXIDE-CHROMIUM OXIDE CATALYSTS IN THE REACTION OF THE COMPLETE OXIDATION OF n-HEPTANE. [1963] 7p.
Order from ATS \$8.50 ATS-12Q69R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Nefi i Gaz (USSR) 1962, v. 5, no. 12, p. 59-64.

DESCRIPTORS: *Copper compounds, *Chromium compounds, Oxides, *Catalysts, Chemical reactions, *Oxidation, *Heptanes, Chemical properties.

(Chemistry, TT, v. 10, no. 2)

63-17347
63-17276
I. Sultanov, M. Yu.
II. Belen'kil, M. S.
III. ATS-12Q69R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS RJ-3956
ICE 163, No 3

Office of Technical Services

S-427/63

The Problem of Increasing the Possible Depth
of Drilling, by E. I. Tagiyev, O. V. Orlov.
(DC-8590)

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Neft i
Gaz, No 12, 1962, pp 111-115.

*JPRS

Sci - Engineering
Apr 63

Fillimonov, N. M., Spivak, A. I., and Popov, A. N.
THE DYNAMIC INTERACTION BETWEEN THE
TOOTH OF A ROLLER BIT AND ROCK. [1963] 6p.
Order from ATS \$8.85 ATS-48Q70R

Trans. of [zv[estiya] Vysshikh Uchebn[ykh] Zayedenli.
Nef't i Gaz (USSR) 1963, v. 6, no. 1, p. 35-40.

DESCRIPTORS: Dynamics, *Drills, *Rock (Geology),
Well drilling, Mining engineering.

(Engineering, TT, v. 10, no. 10)

63-22176

- I. Fillimonov, N. M.
- II. Spivak, A. I.
- III. Popov, A. N.
- IV. ATS-48Q70R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Stradymov, P. K.
AN APPROXIMATE METHOD FOR GAS INJECTION
CALCULATIONS FOR WATER-BEARING FORMA-
TIONS. [1963] 9p.
Order from ATS \$10.75 ATS-53Q70R

Trans. of Izv[estiya] Vysshikh Uchebn[nykh] Zavedenii.
Neft' i Gaz (USSR) 1963, v. 6, no. 1, p. 41-48.

DESCRIPTORS: *Hydrodynamics, *Gases, Injection,
Water, Stratigraphy, Mining engineering, Recovery,
Fluid Flow.

(Engineering, TT, v. 10, no. 10)

63-22167

- I. Stradymov, P. K.
- II. ATS-53Q70R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Study of Friction Forces in a Directional Well,
by M. P. Gulizade, K. B. Shakhbazarov, 7 pp.
RUSSIAN, per Iz Vyssh Ucheb Zaved, Neft' i Gaz,
Vol VI, No 2, 1963, pp 23-28.
ATS-70Q70R

~~Sci-Engrg Sect 4 - Action~~ ENGR
March 64

252,076

Shishkin, O. P., Grachev, B. A., and Leonov, A. I.
THE POWER REQUIRED FOR THE TRANSMITTER
OF AN ELECTRICAL DATA LINK WITH THE
BOTTOM OF THE HOLE. [1963] 6p.
Order from ATS \$7.75 ATS-98Q70R

Trans. of Izvestiya Vsesoyuznogo Nauchno-Issledovatskogo
Inst. i Gaz (USSR) 1963, v. 6, no. 2, p. 93-97.

DESCRIPTORS: *Well logging, Power, Communication
equipment, Borehole, Data transmission systems,
*Power supplies.

(Earth Sciences--Geology, TT, v. 10, no. 10)

63-22341

I. Shishkin, O. P.
II. Grachev, B. A.
III. Leonov, A. I.
IV. ATS-98Q70R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Fauzi, M. A., Kartina, B. N., and Chernozhukov, N. I.
INVESTIGATION OF THE EFFECT OF DEWAXING
CONDITIONS ON THE CHARACTER OF THE
CRYSTALLIZATION OF THE SOLID HYDROCARBONS
OF RESIDUAL OILS. [Jan 64] 8p
Order from ATS \$10.75 ATS-92Q72R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Nef' i Gaz (USSR) 1963, v. 6, no. 3, p. 59-64.

DESCRIPTORS: *Oils, Hydrocarbons, Solids,
Crystallization, Waxes, Separation.

(Engineering--Chemical, TT, v. 11, no. 10)

TT-64-12381

I. Fauzi, M. A.
II. Kartina, B. N.
III. Chernozhukov, N. I.
IV. ATS-92Q72R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

The Determination of Changes in Hydrodynamic
Pressure at the Walls of a Well in the Course of
Running Drilling Tools and Casing, by M. K. Seid-rza,
A. A. Movsumov, 5 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Neft' i Gaz,
Vol VI, No 4, 1963, pp 329-32.
ATS-020727R

Sci-Engr
March 64

252,079

Thermodynamic Properties of Argon at High
Temperatures, by V. V. Rybakov, 5 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Neft i Gaz,
No 5, 1963, pp 77-80, 9694847
FTD-TT-64-461

Sci - Phys
Oct 64

267,696

The Flow of a Compressible Fluid From a
Fractured Reservoir into a Well, by
A. G. Isayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 6, 1963, pp 43-48.
ATS NJ-4488

Sci-Mech,
Apr 67

321,561

Lyshevskii, A. S.
DETERMINATION OF THE AXIAL PRESSURE OF A
JET-BIT STREAM. [Jan 64] 7p
Order from ATS \$9.00

ATS-88Q73R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft' i Gaz (USSR) 1963, v. 6, no. 6, p. 77-82.

DESCRIPTORS: *jets, Gas flow, Pressure, Fluid
mechanics, jet mixing flow.

(Mechanics, TT, v. 11, no. 10)

TT-64-12396

I. Lyshevskii, A. S.
II. ATS-88Q73R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Rudnev, O. V.
INVESTIGATION OF A SINGLE-CONDUCTOR LOGGING
CABLE AS A COMMUNICATION CHANNEL FOR
TRANSMISSION OF INFORMATION BY PULSES. [1964]

7p

Order from ATS \$8.00

ATS-38R74R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Nef't i Gaz (USSR) 1963, v. 6, no. 7, p. 89-94.

(Engineering, TT, v. 11, no. 12)

TT-64-12766

I. Rudnev, O. V.
II. ATS-38R74R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Determining the Drilling Speed in Drilling With
Rock Bits With the Aid of a Model Study, by
L. E. Simonyants, B. A. Zhlobinskiy. 9 pp.
RUSSIAN, per, Izv. VUZ Neft' i Gaz, Vol 6, No 8,
1963, pp 25-29.
OTS TT-64-26106

Sci/Engr
Jun 67

327,685

Fauzi, M., Kartalin, B. N., and Chernozhukov, N. I.
EFFECT OF THE DEGREE OF PHENOL REFINING
OF RESIDUAL OIL ON THE PERFORMANCE OF THE
DEWAXING PROCESS. Sp.
Order from ATS \$8.00

ATS-33R75R

Trans. of izvestiya Vysshikh Uchebnykh Zavedenii
Neft' i Gaz (USSR) 1963, v. 6, no. 8, p. 61-64.

(Engineering--Chemical, TT, v. 12, no. 4)

TT-64-22271

I. Fauzi, M.
II. Kartalin, B. N.
III. Chernozhukov, N. I.
IV. ATS-33R75R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Stress Conditions at the Bottom of a Well
and Determination of the Strength of the
Rock at the Bottom, by V. S. Fedorov and
V. V. Bulatov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 9, 1963, pp 31-35.
ATS RJ-4554

ATS - 02RM9R

Sci-
Apr 67

321,601

Khalikov, G. A.
THE UNSTEADY STATE FLOW OF OIL IN A CLOSED
RESERVOIR WHEN THE BOTTOM HOLE PRESSURE
DECLINES BELOW THE SATURATION PRESSURE.

[Apr 64] 5p

Order from ATS \$5.75

ATS-46R75R

Trans. of Izv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Neft i Gaz (USSR) 1963, v. 6, no. 9, p. 43-46.

(Mechanics--Hydraulics, TT, v. 12, no. 2)

TT-64-22091

- I. Khalikov, G. A.
- II. ATS-46R75R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Yasov, V. G., Usenko, A. P., Bessonov, Yu. D.,
and Srik, V. F.
EFFECT OF SOME PARAMETERS ON THE CHARAC-
TERISTICS OF A DIRECT-ACTION HYDRAULIC
HAMMER. 5p.
Order from ATS \$8.75

ATS-60R75R

Trans. of [zv[estiya] Vysshikh Uchebn[ykh] Zavedenii.
Nef't' i Gaz (USSR) 1963, v. 6, no. 10, p. 19-23.

(Earth Sciences--Geology, TT, v. 12, no. 4)

TT-64-22257

I. Yasov, V. G.
II. Usenko, A. P.
III. Bessonov, Yu. D.
IV. Srik, V. F.
VI. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Karimov, Z. G.

A DETERMINATION OF THE STRESSES OCCURRING
IN A DRILL STRING LOWERED WITH THE AID OF
AN ELEVATOR OR DRILL PIPE SLIPS. 6p.

Order from ATS \$5.65

ATS-84R75R

Trans. of Isy[active] Vysshikh Uchebn[ykh] Zavedeni.
Nef't i Gaz (USSR) 1963, v. 6, no. 11, p. 23-27.

(Engineering, TT, v. 12, no. 4)

TT-64-22255

I. Karimov, Z. G.

II. ATS-84R75R

III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Reason for the Reduction in Paraffin Deposition in Wells Producing with Downhole Centrifugal Electric Pump, by I. T. Mishchenko, RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI, No 10, 1963, pp 47-50.
ATS RJ-4573

Sci-
Apr 67

321,605

Solution of Certain Problems in the Flow
of an Incompressible Fluid by Means of the
Grid Method, by K. A. Allakhverdiev,
RUSSIAN, per, Izv. VUZ Nef't i Gaz, Vol VI,
no 10, 1963, pp 35-39.
ATS RJ-4487

Sci-Phys
Apr 67

321,500

The Need ofr Using an Elastic Compensator
in a Drill String, by S. G. Kalinin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VI,
No 12, 1963, pp 23-28.
KTS PJ-4553

Sci-
Apr 67

321,600

K. V. Fomkin

Classification of Oil and Gas Pools According
to the Time of Their Formation.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Neft i Gaz, No 4, 1964, pp 3-5.
INTC 72-14059-08G

Nov 72

An Investigation of the Dynamics of the Movement
of a Drill String in a Slant Hole, by M.P.Gulizade
and K.B. Shakhbzbekov.

RUSSIAN, per, Iz.V.U.Z. Nef't'i Gaz, 1964, vol. 7,
no. 1, pp.23-28.

ATS-5LR76R

Eng
Aug 66

307,671

The Role of Paraffinic Hydrocarbons as
Antisolvents in the Interaction of
Alkybenzenes with Dimethyl-Formamide:
the Mutual Solubility of Dimethylformamide
(DMF), Aromatic Hydrocarbons and
n-Paraffinic Hydrocarbons, by A. N.
Zelinskiy, N. M. Prodykova, A. P. Chernyavskaya,
8p.

RUSSIAN, per, Izvestiya Vsesoyuznogo Nauchnoho
Zavedeniya. Khim. i Fiz. Vol 7, No 1,
1964, pp 47-51.

ATB-4479R

336, 161

Sci
Aug 67

Flow of Liquid (And Gas) in a Fractured
Reservoir, by R. G. Isayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz. Vol VII,
No 1, 1964, pp 69-72.
ATS RJ-4482

ATS-RJ-5783

Sci-Tech,
Apr 67

321,555

Experimental Investigation of the Thermal
Conductivity of Normal Alcohols,
by G. Kh. Mukhametzhanov, A. A. Tarzimanov.
RUSSIAN, per, Izv. VUZ Neft i Gaz. Vol 7,
No 1, 1964, pp 73-75.
SLA TT-66-10599

Sci-Chem

Jul 66

305,560

Some Formulas for Calculating the Temperature Field of a Formation During Thermal Injection, by N. A. Avdonin,
RUSSIAN, per, Izv. VUZ Neft i Gaz., Vol VII,
No 5, 1964, pp 37-41.
ATS RJ-4474

Sci-Prop & Fuels
Apr 67

321,549

The effect of Water-Soluble Surfactants on
the Capillary Properties of Formation
Systems, by Sh. K. Gimatudinov and
V. A. Nikolayev,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 5, 1964, pp 43-47.
ATS RJ-4478

Sci-Phys
Apr 67

521,551

Study of the Dependence of the Viscosity
of Oils on Pressure and Temperature, by
N. M. Amirbekov.

RUSSIAN, per, Iz VUZ Neft i Gaz, Vol 7,
No 3, 1964, pp 69-73.

ATS-00889R

Sci-Materials
Oct 66

313,224

Classification of Oil and Gas Pools
According to the Time of Their Formation,
by K. V. Fonkin, 5 pp.

RUSSIAN, per, Izvestiya Vysshikh
Uchebnykh Zavodov. Seriya 1
Vol 7, No 4, 1964, pp 3-5.

ATS-3180R

336,260

Sci
Aug 67

Experimental Study of Oil Recover and Phase
Permeabilities in the Displacement of Oil
by Water From a Porous Medium, by

I. B. Burtsev,

RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 4, 1964, pp 47-50.

AFS RJ-4483

Sci-Phys

Apr 67

321,556

The Mechanism and Effectiveness of the Action
of Surface-Active Agents in the Displacement
of Oil From Porous Media, by V. A. Nikolayev
and Sh. K. Gimatudinov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 6, 1964, pp 39-43.
ATS RJ-4479

Sci-Phys
Apr 67

321,8552

Possibility of Producing Isoprene by the Oxidative
Dehydrogenation of Isoamyls, by A. A. Vartanov.
RUSSIAN, per, Izv VUZ Neft i Gaz, Vol 7, No 6,
1964, pp 45-48.
ATS RJ-5165

Sci-Chem
July 69

385,733

The Unsteady-State Flow of a Fluid in a
Fractured Reservoir, by R. G. Isafov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 10, 1962, pp71-75.
ATS RJ-4500

Sci-
Apr 67

321,571

Interpreation of the Results of Studies of
Inhomogeneous Formations, by
I. P. Bakhinkulov,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 8, 1964, pp 31-37.
ATS WJ-4480

Sci-Phys
Apr 67

321,559

On Various Methods of Calculating the Reservoir
Temperature Field Under Heat Injection, by N.
A. Avdenin.

RUSSIAN, per. Izvestiya Vysshikh Uchebnykh Zave-
denii Neft i Gaz, No 8, 1964, pp 39-46.

NLL RTS 2962

Sci-Physics
Nov 67

345.309

Various Methods for Calculating the Temperature Distribution in a Formation During Thermal Injection, by N. A. Avdonin, RUSSIAN, per, Izv. VUZ, Neft i Gaz., Vol VII, No 8, 1964, pp 39-46.
ATS PJ-4475

Sci-Prop & Fuels
Apr 67

321,548

Calculation of the Water-Free Production
Period in Oil Wells with Bottom Water, by
A. P. Telkov and I. B. Burtsev ,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 8, 1964, pp 47-52.
ATS RJ-4548

ALL RTS 2966

Sci-
Apr 67

321,598

Derivation of Simple Approximate Formulas
Characterizing the Performance of an En-
larged Well Operating at Constant Bottom-
hole Pressure, by V. E. Vlyushin and
O. N. Kharin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 8, 1964, pp 85-87.
NTS RJ-4485

Sci-Tech,
Apr 67

321,556

V. A. Elema

Experimental Study of the Thermal Properties of
by-Product Petroleum Gas.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Neft i Gaz, No 8, 1964, pp 89-92

NTC 72-12280-07D

NTIS TR9-S5050

Oct 72

Kinetics of the Hydrogenolysis of Thiophenes and
Sulfides Under Catalytic Reforming Conditions, by
F. A. Feizkhanov.

RUSSIAN, per, Izv VUZ Neft i Gaz, Vol 7, No 9,
1964, pp 69-71.

ATS RJ-5164

Sci-Chem
July 69

385,732

Filtration Properties of Drilling Fluids, by
G. K. Angelopulo and L. K. Mukhin,
RUSSIAN, per, Izv. VUZ Neft i Gaz, Vol VII,
No 11, 1964, pp 20-24.
ATS RJ-4576

Sci-
Apr 67

321,006

A New Device for Determining the Static and
Dynamic Hardness of Rocks under High Hydrostatic
and Rock Pressures, by L. Ye. Simonyants,
B. A. Zhlobinskiy, 4 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy. Neft' i Gaz, No 11, 1964, pp 31-34.
AIR/FTD/RT-23-1201-67

Sci-Earth Sci
Nov 68

366,325

Semi-conductor Pressure Transducers for Gas
Mixtures, by A. M. Nechushkin.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedni.

Neft i Gaz, vol. 7, no. 11, 1964, pp. 89-91.

NTC 71-12953-14B

JULY 71

Temperature Stresses in Lined Petrochemical
Columns, by I. L. Osipyan.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii. Neft i Gaz, No 11, 1964, pp 105-
106.
NTC-71-15674-07A

Feb 72

Apparatus for the Study of Hydrocarbon Oxidizability
at Elevated Temperatures, by Bol'shakov.
RUSSIAN, per, Vyssh Ucheb Zaved Iz, Neft' i Gaz, No 9,
1964, pp 61-63.
*Dept of Navy JHU/APL J562

Sci - Phys
Jul 65

282,327

Thermal Conductivity Measurements of Organic
Liquids and Their Mixtures, by G. Kh. Mukha-
medzyanov and A. G. Usmanov, et al,
RUSSIAN, per, Izvestiya VUZ Neft Gaz., Vol
VII, No 10, 1964, pp 70-74.
AEC NP-tr-1399

Sci-Chem
Nov 66

313,887

Filtration Properties of Drilling Muds,
O. K. Angelopulo, L. K. Mikhin.
RUSSIAN, per, Izvestiya VUZ Neft i Gaz,
Vol 7, No 11, 1964, pp 20-24.
ATS-35S82R

Sci- Mech Indus Engr
Sept 66

310,415

Semiconductors Pressure Transducers for Gas
Mixtures, by A. M. Nechushkin,
RUSSIAN, per, Izv. VUZ Neft. Gaz., Vol VII,
No 11, 1964, pp 89-91.
AEC SLAC-Trans-43

Sci-Nucl Sci
May 67

326,786

Some Data on the Strength of Starch Gel and on the
Staling of Bread, by V. I. Nazarov, et al. UNCL

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy --
Pishchevaya Tekh, No 4, 1958, pp 131-135.

DSIR LIU RFB 1196

(12s. 6d.)

Sol - Chem
Nov 59

100,769

Increase of Activity of Hydrogenation Catalyst for
Making Hard Isooleic Acid, by G. I. Kolesnikov.

RUSSIAN, per, ~~Izvest~~ Vysshikh Ucheb Zavedenii
Pishchevaya Tekhnol, No 5, 1958, pp 48-52. (Chem
Abs 53, 10805f 1959)

*PL-480

USDA

Sci -
Jun 63

Gryaznov, V. P., Khoroshkova, M. P. and others.
 CHROMATOGRAPHIC AND SPECTROPHOTOMETRIC
 ANALYSIS OF IMPURITIES IN ALCOHOL
 (Kromatograficheskii i Spektrofotometricheskii
 Analiz Primesei Spirita). Sep 61 [13]p. 13 refs
 RTS-1897.
 Order from OTS or SIA \$1.60 61-28163

Trans. of Izvestiya Vysshikh Uchebnykh
 Zavedenii, Fizicheskaya Tekhnologiya (USSR) 1952,
 no. 5, p. 157-164.

DESCRIPTORS: *Alcohols, Impurities, *Ultraviolet
 spectrophotometers, *Chromatographic analysis, Or-
 ganic compounds, Beets, Ethyl radicals, Methyl radi-
 cals, Acetates, Ethanols, Synthesis, Chemical re-
 actions.

The methods of ultraviolet absorption spectroscopy
 (Chemistry--Physical, TT, v. 6, no. 11) (over)

61-28163

- I. Gryaznov, V. P.
- II. Khoroshkova, M. P.
- III. RTS-1897
- IV. Department of Scientific
 and Industrial Research
 (G. Brit.)

1897:5

Office of Technical Services

Trubnikov, V. F.
CONSTRUCTION OF SORPTION ISOTHERM OF
TOBACCO AND DEDUCTION OF ITS EQUATION.
[1961] (2 figs. omitted) 8 refs.
Order from LC or SLA ml\$1.80, ph\$1.80 61-10554

Trans. of [zv[estiya] Vyn[ishish] Ucheb[nykh]
Zav[edeniy]. Pishch[evaya] Tekh[nologiya] (USSR) 1959,
no. 6, p. 112-115.

151793

(Agriculture--Plant Cultivation, TT, v. 5, no. 9)

61-10554

1. Tobacco--Moisture content
1. Trubnikov, V. F.

Office of Technical Services

Nitrogenous Substances of Cognac Spirit, by
Ts. L. Petrosyan.

HURSIAN, per, Is Vysshikh Ucheb Zaved, Pishchevaya
Tekh, No 1, 1950, pp 144-145.

SLA 61-27040
MLL RTS 1898

Sci - Chem

Apr 62

189,808

Popova, L. P.
COMPOSITION OF SMOKE FROM TOBACCO PRE-
PARED BY DIFFERENT METHODS OF DRYING.
[1961] 9p. 16 refs.
Order from OTS or SLA \$1.10 61-18830

Trans. of [zv[estiya] Vys[shikh] Ucheb[nykh]
Zaved[eni]. Pishch[evaya] Tekhnol[ogiya] (USSR) 1960,
no. 4, p. 35-39.

DESCRIPTORS: *Tobacco, *Smokes, Chemical analysis,
Combustion, *Nicotine, Plants, Agriculture, Botany,
Cigarettes, *Dehydration.

Tobacco of the same botanical grade, grown in identi-
cal conditions, but dried by different methods, gave
smoke having different chemical composition. The pH
of an aqueous solution of the smoke is acid and is dis-
placed in the alkaline direction on increasing the time
(Chemistry--Analytical, TT, v. 6, no. 10) (over)

61-18830

L. Popova, L. P.

Office of Technical Services

Yunoshev, V. K.
DEVELOPMENT OF OXIDATIVE PROCESSES DURING TOBACCO FERMENTATION. [1962] 12p.
Order from K-H \$15.00 K-H 11411-J

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii Pishchevaya Tekhnologiya (USSR) 1960, no. 5, p. 91-96.

DESCRIPTORS: Oxidation, *Tobacco, *Fermentation.

(Chemistry--Analytical, TT, v. 8, no. 7)

62-17678

I. Yunoshev, V. K.
II. K-H-11411-J
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Vasilenko, V. M.
LOSSES OF VOLATILE TOBACCO PRODUCTS
DURING FERMENTATION. [1961] 9p. 20 refs.
Order from OTS or SLA \$1.10 61-20048

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Pishchevaya Tekhnologiya (USSR) 1960, no. 5,
p. 97-102.

DESCRIPTORS: *Tobacco, Processing, Oxidation,
Carbon dioxide, Absorption, Determination, Vapor
pressure, Moisture, Humidity, Temperature.

A method is described for determining total volatile
products and carbon dioxide absorbed by an alkaline
buffer solution of sodium hydroxide during the fermenta-
tion of tobacco. A considerable amount of carbon
dioxide is formed during the fermentation. The re-
lative amount of the carbon dioxide formed increases
(Agriculture--Plant Cultivation, TT, v. 7, no. 10)
(over)

61-20048

I. Vasilenko, V. M.

Office of Technical Services

Asmaev, P. G. and Mokhnachev, L. G.
SEPARATION AND IDENTIFICATION OF TOBACCO
KETO-ACIDS BY PAPER CHROMATOGRAPHY. [1961]
p. 4 refs.
Order from OIS or SLA \$1. 10

61-20248

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.
Pishchevaya Tekhnologiya (USSR) 1960, no. 5,
p. 160-164.

DESCRIPTORS: *Tobacco, *Ketones, *Acids, Sepa-
ration, Identification, Chromatographic analysis,
*Paper chromatography.

The results are reported of investigation of tobacco
keto-acids. Ten keto-acids were found to be present,
of which four are unknown, and the others are: α -keto-
glutaric, pyrotartaric / two isomers/, oxaloacetic,
glyoxalic and phenylpyrotartaric. (Author)
(Chemistry--Analytical, TT, v. 6, no. 12)

61-20248
63-16921
I. Asmaev, P. G.
II. Mokhnachev, L. G.

Office of Technical Services

Fillin Koldakov, B. V. and Popova, L. P.
DETERMINATION OF ACIDS IN TOBACCO SMOKE
BY POTENTIOMETRIC TITRATION IN A NON-
AQUEOUS MEDIUM. Apr 62, 10p.
Order from K-H \$12.50

(8/10) SLA 63-16689
K-H 11401-b
Trans. of Izvest[lya] Vysshikh Ucheb[nykh]
Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1960,
no. 5, p. 165-169.

DESCRIPTORS: *Tobacco, *Smokes, *Acids,
*Titration.

(Chemistry--Analytical, TT, v. 8, no. 4)

62-12767

62-16689

- I. Fillin Koldakov, B. V.
- II. Popova, L. P.
- III. K-H-11401-b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Kurilenko, O. D., Kaban, A. P., and
Nedyuzhin, A. A.
INVESTIGATION OF THE RHEOLOGICAL PROPERTIES
OF SOLUTION OF STARCH PASTE, AMYLOSE AND
AMYLOPECTIN. [1962] 8p.
Order from K-H \$10.00

(#1.10) K-H 11891
SLA 63-14425
Trans. from Izvestiya Vysshikh Uchebnykh Zavedenii.
Pishchevaya Tekhnologiya (USSR) 1961, no. 1. [p. 12-16].

DESCRIPTORS: *Fluid dynamic properties, Viscosity,
*Starches, *Carbohydrates, *Polysaccharides, Colloids.

(Chemistry--Organic, TT, v. 9, no. 10)

62-17441

1. Title: Amylopectin
2. Title: Amylose
- I. Kurilenko, O. D.
- II. Kaban, A. P.
- III. Nedyuzhin, A. A.
- IV. K-H-11891
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Ermolenko, V. D.

A STUDY OF FORMS OF BONDS BETWEEN FOOD MATERIALS AND MOISTURE BY THE METHOD OF PHYSICAL CHARACTERISTICS. [1963] [14]p. 18 refs. Order from OTS or SLA \$1.60 63-14949

Trans. of [Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya] (USSR) 1961, no. 1 [p. 140-146].

DESCRIPTORS: Food, Moisture, *Sorption, *Flour, Bread, *Starches, *Bakery products, Physical properties, Heat treatment, Temperature, Electrical properties, Adhesion, Hygrometers.

Proposed is the method of a complex research of thermophysical, electrophysical and hygrometric characteristics, with the intention to clarify the forms of bonds between the moisture and the food products. (Food, TT, v. 10, no. 7) (over)

63-14949

I. Ermolenko, V. D.

Office of Technical Services

62-17530

Mokhnachev, K. G.
DETERMINATION OF BOUND WATER-SOLUBLE
CARBOHYDRATES IN TOBACCO. [1962] 8p.
Order from K-H \$10.00 K-H 11455-f

Trans. of Izvest[ia] Vysshikh Ucheb[nykh] Zavedeni.
Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 2,
p. 54-57.

DESCRIPTORS: *Tobacco, Chemical analysis, *Car-
bohydrates, Determination.

I. Mokhnachev, K. G.
II. K-H-11455-f
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

OTS-TT-64-14510

(Chemistry--Analytical, TT, v. 8, no. 4)

Office of Technical Services

Asmaev, P. G. and Mokhnachev, L. G.
THE CHANGE IN BOUND WATER-SOLUBLE CARBO-
HYDRATES OF TOBACCO DURING ITS TREATMENT.
[1963] 14p. 7 refs.
Order from OTS or SLA \$1.60

63-16920

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
Pishchevaya Tekhnologiya (USSR) 1961, no. 2,
p. 38-63.

DESCRIPTORS: *Carbohydrates, Processing, *Tobacco,
Taste, Toxicity.

The change in different groups of bound carbohydrates
determined by the phenol-H₂SO₄ method, during the
treatment of tobacco, is investigated. Hypotheses are
advanced on the composition of the bound hydrocarbons
of each group. (Author)

(Chemistry--Analytical, TT, v. 10, no. 9)

63-16920

I. Asmaev, P. G.
II. Mokhnachev, L. G.

Office of Technical Services

Popova, L. P.
COMPOSITION OF SMOKE FROM TOBACCOS SUB-
JECTED TO DIFFERENT FERMENTATION CONDI-
TIONS. [1962] 8p.
Order from K-H \$10.00 K-H 11538-c

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii.
Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 3,
p. 97-101.

DESCRIPTORS: *Tobacco, *Smokes, Analysis,
*Fermentation

(Biological Sciences--Botany, TT, v. 8, no. 4)

62-17588

I. Popova, L. P.
II. K-H-11538-c
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

015 TT-64-14565

Office of Technical Services

Yunoshev, V. K.
QUANTITATIVE CHANGES OF CHLOROGENIC AND
CAFFEIC ACIDS IN THE FERMENTATION OF
TOBACCO. [1962] 10p. 19 refs.
Order from OTS or SLA \$1.10 62-16515

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh]
Zav[edeni]. Pishch[evaya] Tekh[nologiya] (USSR)
1961, no. 4, p. 44-50.

DESCRIPTORS: *Tobacco, *Fermentation, Quantita-
tive analysis, Temperature, Oxidation, Phenols,
*Caffeic acids, *Chlorogenic acids

The effects of time and temperature of fermentation of
tobacco on β -glycosidase activity and on the content of
non-oxidized forms of chlorogenic and caffeic acids
were investigated. It was found that in the initial
stages of the fermentation the quantities of chlorogenic
and caffeic acids decrease independently of the tem-
(Chemistry, TT, v. 8, no. 10) (over)

62-16515

I. Yunoshev, V. K.

Office of Technical Services

63-10684

Asmaev, P. G. and Popova, L. P.
AMOUNT AND COMPOSITION OF THE SOLID-
LIQUID PHASE OF TOBACCO SMOKE. [1962] 11p.

15 refs.

Order from OTS or SLA \$1.60

63-10684

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh]
Zav[edeni]. Mashch[evaya] Tekh[nologiya] (USSR) 1961,
no. 4, p. 51-57.

DESCRIPTORS: *Tobacco, *Smokes, *Phase studies,
Solids, Liquid, *Cigarettes, Hydrocarbons, Chemical
analysis.

The relation between the amount of the solid-liquid
phase of tobacco smoke and the time of burning of the
cigarette and the moisture content of tobacco was
determined. The amounts of water, higher hydro-
carbons, steam volatile oil, alkaloids, non-saponifiable
(Chemistry--Analytical, TT, v. 9, no. 11) (over)

I. Asmaev, P. G.
II. Popova, L. P.

Office of Technical Services

Tsonev, L. K.

CHANGES OF ESSENTIAL OILS AND RESINS IN
THE TOBACCO DRYING PROCESS. [1962] 6p. 25 refs.
Order from OTS or SLA \$1.10 62-16516

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[ede-
nii]. Pishch[evaya] Tekh[nologiya] (USSR) 1961, no. 4,
p. 58-61.

DESCRIPTORS: *Tobacco, Dehydration, Oils, Resins,
Chemical analysis, *Smokes.

The amounts of essential oils and resins in tobaccos
dried by various methods were determined. Fractional
composition of the resins was investigated. The
amount of ethereal oils and resins increases and the
quality of the resins improves with increasing time
of drying of tobacco. (Author)
(Chemistry--Analytical, TT, v. 8, no. 8)

62-16516

I. Tsonev, L. K.

Office of Technical Services

Investigation of the Thermophysical Properties of
Intact Foam Plastics by the Nonstationary Method,
by A. N. Lepilkin, S. I. Nozdrin, 15 pp.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Pischhevaya
Tekh, No 5, 1961, pp 122-130. 9226123
AEC-SC-T-64-1634

Sci-Phys
Jan 65

270,622

Biochemical Changes in Meat Resulting From
Ionizing Radiation, by V. V. Pal'min, *Jpp.*

RUSSIAN. per, Iz Vysshikh Ucheb Zaved Pishchevaya
Tekhnol98, No 2, 1962, pp 76-81.

*/*ACSI I-3918
ID 2253819

Sci - Chem
Jan 68

Analysis of Water Absorption and Moisture Yield
of Staple Fabrics For Dress and Coat Materials,
by M. M. Diancih.

RUSSIAN, per, Izvest. Vyss. Ucheb. Zaved. Tekhnol.
Tekstil. Prom., No 3, 1962, pp 32-36.

GB/121

Sci -

Aug 67

334,924

A Study of the Temperature Range in the
Resistance Heating of the Meat of Sausage
Products, by A. Yu. Vaikutite.

RUSSIAN, per, Izvestiya VUZ, Pishchevaya
Tekhnologiya, 1962, No 4, pp 49-52.

NLL RRS 2347 (On Loan or Purchase)

Aug 65

288,874

Autolytic and Denaturation Changes of the
Components of Muscle Tissue During Chilling
And Freezing of Meat, by P. ye. Pavlovskii
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii
Pishch. Tekh. Vol. 5, No. 30, 1962, pp 52-57
GB/320/(Annn)

Sci -
Aug 67

336-044

Alekseev, N. N.
ON THE DETERMINATION OF THE POTENTIAL OF
MOISTURE TRANSMISSION IN TOBACCO. [1963]
10p 8refs
Order from OTS or SLA \$1.10 63-20135

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh]
Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1962,
no. 4, p. 144-149.

DESCRIPTORS: Mathematical analysis, *Moisture,
*Tobacco, *Hygrothermagraphs.

It was found that the equilibrium partial water vapour
pressure can be used as the potential of moisture
transmission in capillary-porous colloidal materials
in the hygroscopic region. The principles of the
sorptional hysteresis are stated. A universal diagram
of state of moist tobacco is proposed. (Author)
(Chemistry--Physical, TT, v. 10, no. 11)

63-20135

I. Alekseev, N. N.

Office of Technical Services

Trubnikov, V. F. and Chenikov, V. V.
KINETICS OF THE VAPOUR SORPTION BY TOBACCO
LEAVES. [1963] 8p (2 figs. omitted) 4refs
Order from OTS or SLA \$1.10 63-18932

Trans. of Izv[estiya] (Vys[shiki] (Uch[ebn]ykh) (Za[vedeniya])
Pishch[evaya] Tekhnologiya (USSR) 1962, no. 4,
p. 150-153. *GB/116*

DESCRIPTORS: *Tobacco, *Absorption, *Moisture,
Sorption, Temperature, Humidity, Fermentation,
Cigarettes, Smokes, Processing.

The authors quote experimental data on the absorption
of moisture by tobacco leaves in the current of air, and
show the relation between the rate of absorption of
moisture and temperature and humidity. It is shown
that the process of sorption of water by non-fermented
tobacco consists of two periods, having different vapour
sorption coefficients. A formula for the determination
(Chemistry--Physical, TT, v. 10, no. 11) (over)

63-18932

- I. Title: Leaves
- I. Trubnikov, V. F.
- II. Chenikov, V. V.

Office of Technical Services

Study of the Possibility of Using Preslaughter
Adrenalization in the Meat Industry, by V.V.
Pal'min.

RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedeni
Pishch. Tekh Vol. 1, 1963, pp 66-71
GB/320 (Anon)

Sci -
Aug 67

336-043

Lead Content of Canned Fish, by F.M. Purikov.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii
Pishch. Tekh., Vol. 33, No. 2, 1963, pp 32-35
GB/320 (Anon)

Sci -
Aug 67

336-045

Breakdown Of the Albumins In Muscular Tissue When
Meat is Thawed, by P. E. Pavloskii, M. P. Grigoreva.
RUSSIAN, per, Izv. vyssh. ucheb. Zaved. Pishch. Tekh.,
No 2,
1963, pp 47-51
GB 352/245

NLL/RTS 2660-125 6d

Sci -
Sep 67

340,062

Effect of Temperature Regimes on the
Plastic Structure of the Fat Basis of
Margarine, by N. I. Kozin, E. N. Makarenko.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved
Pishchevaya Tekh, No 2, 1963, pp 77-82.

NLL RTS 2469 (loan)

Sep 64

Neutralisation of Fatty Acid Impurities in
Vegetable Oils and Fats in Non'Packed Spray
Columns, by N. P. Ikhno.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved
Pischevaya Tekh, No 2, 1963, pp 130-137.

NLL RTS 2470 (loan)

Sep 64

R-4459-D

A Method for Determining the Quality of Wheat Flour
by Soaking it in Acids, by M. I. Knyaginichev,
V. I. Komarov.

RUSSIAN, per, Iz VUZ, Pishchevaya Tekh, No 6, 1963,
pp 132-135.

*JPRS/USDA

Sci
Oct 64

A Study of the Properties of Specific Alkyl
Sulphates and Alkyl Sulphates Made From Synthetic
Aliphatic Alcohols, by A. A. Lesyuis, et al.
RUSSIAN, per, Izvestiya Vysshikh Uchebiykh
Zavedenii Pishchevaya Tekh, Vol 29, No 8, 1963,
pp 22-24.
NLL RTS 2613

Sci - Beh & Soc Sci
Oct 67

342,724

Conversions of Protein Components in Autolysed
Muscular Tissue in the Process of Meat Cooling
and Freezing, by N. E. Pavlovskii and M. P.
Grigorieva.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii
Rybnovodstva i Akvakultury, 1963, No 32, pp 24-29.

NIL RTS 2661 (On Loan or Purchase)

OB 352/244-

Aug 65

288,831

The Breakdown of the Albumins in Muscular Tissue
When Meat is Thawed, by P. E. Pavlovskii, M. P.
Grigoreva.

RUSSIAN, per, Izvestiya Vysshikh Uchebiykh
Zavedenii Pishchevaya Tekhnologiya, No 2,
1963, pp 47-51.

NLL RTS 2660

Sci - ~~RAM~~ Behaviour & Soc Sci
OE6 67

342,723

Problem of Changes in the Meat After Slaughter
of the Animals, by A.A. Sokolov.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii
Pishch Tekh, Vol. 35, No. 4, 1963, pp 86-89
GB/320 (Anon)

Sci -
Aug 67

336-046

Phase Equilibrium Between Liquid and Vapour in
the Ternary System Ethanol-Water-Propanol, by
B. D. Met'yushev.
RUSSIAN, per, Izvest. Vyssh. ucheb. zav. khim.
tekh., Vol 4, 1963, pp 123-126.
NII Ref: RTS 4065

Sci/Chem
Feb 68

349,646

Concerning Some Features of Wetting and De-
hydration of Grain, by G. A. Yegorov.
RUSSIAN, per, Iz VUZ Pishchevaya Tekhnolgiya,
No 1, 1964, pp 13-19
ACSI I-9054 A
ID 2204070065

Sci - B/M
Feb 66

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